

CLAIMS

What is claimed as being new and desired to be protected by LETTERS PATENT of the United States is as follows:

1. A car seat netting system for safely and conveniently maintaining objects on the seat of a vehicle and/or restraining them against the seat comprising, in combination:

a car seat assembly having a seat portion and a back portion, the seat portion being in an essentially horizontal plane with a top and a bottom and with a front edge and a parallel back edge and with two parallel side edges there between to form a first front corner and a second front corner, the back portion being in a substantially vertical plane with a front and a back and with an upper edge and a parallel lower edge and with two parallel side edges there between with the lower edge adjacent to the rear edge of the seat portion to form a first rear corner and a second rear corner;

a screen assembly including a flexible front screen section and flexible side screen sections, the front screen being in a generally rectangular configuration with an upper edge and a parallel lower edge and two parallel side edges there between with the lower edge positioned adjacent to the front of the seat portion and with the side edges spaced a distance essentially equal to the distance between the side edges of the seat portion, the side screen portions being in a generally rectangular configuration with an interior edge and a parallel exterior edge

and with parallel upper and lower edges there between with the height of the side edges of the front screen section being essentially equal to the height of the side edges of the front screen section, the exterior end of one side screen section having attached thereto a c-shaped handle;

a vertical tube assembly including an enlarged tube and a slender tube with the side edges of the front screen section secured there between, each tube having a leg extending downwardly therefrom and positionable between a downwardly extended orientation and a retracted orientation essentially within its associated vertical tube, the slender tube having a pair of hooks for receiving the handle of the side screen;

a handling assembly including a spindle coaxially located within the enlarged tube with the spindle secured to the interior end of a side screen section, the spindle having a spring tending to rotate the spindle to wind the screen assembly there around, a slot in the enlarged tube for the sliding passage of the screen assembly between a coiled orientation and an uncoiled orientation, whereby when in the uncoiled orientation the legs are extended adjacent to the front corners of the seat portion with the majority of the screen assembly out of the enlarged tube and extended rearwardly and around the back portion and forwardly with the handle coupled to the hooks to thereby safely retain large objects on the seat portion, and whereby when in the coiled orientation the legs are retracted adjacent to the rear corners

of the seat portion with the minority of the side screen out of the enlarged tube and extended rearwardly and around the back portion and forwardly with the handle coupled to the hooks to thereby safely retain small objects on the seat portion;

a flexible strap having a length slightly greater than the distance between the side edges of the back portion, the strap having ends with a clip at each end adapted to couple to the side screen sections above the side edges of the seat portion for securing small objects on the seat portion; and

a securement assembly including a cross bar having a central extent and side extents with a front surface and a rear surface, a pair of elastomeric brackets on the rear face adjacent to the side extents for contacting the legs when extended and a connector coupling the rear face adjacent to the central extent to the bottom of the seat portion.

2. A car seat system comprising:

a car seat assembly having a horizontal seat portion with a front edge and a rear edge and a vertical back portion with a top edge and a bottom edge;

a sheeting assembly including a front sheet portion positionable above the front edge of the seat portion and a side sheet positioned above the side edges of the seat portion;

a tube assembly including at least one vertical tube with the sheeting assembly coupled thereto, the tube being positionable adjacent to the seat portion; and

a securement assembly coupling the sheeting assembly and tube in position with respect to the seat portion.

3. The system is set forth in Claim 2 wherein the tube assembly includes an enlarge tube adapted to contain the sheeting assembly and wherein the sheeting assembly is adapted to extend around the back portion of the seat.

4. The system is set forth in Claim 2 wherein the side sheet portions include a plurality of straps there between adapted to be positioned adjacent to the front and the back of the back portion and further including a fixedly positioned frame, each in a rectangular configuration and secured to the periphery of the front sheet portion and the side sheet portions with hinges coupling the frames of the front and side sheet portions.

5. The system is set forth in Claim 2 wherein the side sheet portions include a plurality of straps there between adapted to be positioned adjacent to the front of the back portion and the back of the back portion and further including frames, each frame in a rectangular configuration secured to the periphery of the front sheet portion and the peripheries of the side sheet portions wherein the sheets are elastic and further including adjustment mechanisms on the frames.

6. The system is set forth in Claim 2 wherein the sheeting assembly includes an interior end and an exterior end, the exterior end having attached thereto a handle, the sheeting

assembly also having a front sheet portion in a central extent and spaced side sheet portions and further including an enlarged tube attached to one side of the back portion adapted to removably contain the interior end of the sheeting assembly and further including hooks on the other side of the back portion for removably receiving the handle, the system further including retractable legs secured beneath the front edge of the seat portion adapted to constrain the position of the sheeting assembly with respect to the seat portion when the legs are extended and, when the legs are retracted, to allow the sheet assembly to constrain objects against the back portion.

7. The system is set forth in Claim 2 wherein the sheeting assembly extends entirely around the area to be enclosed including the back portion of the seat and further including a pair of vertically extending legs adjacent to the sides of the front edge of the seat portion.

8. The system is set forth in Claim 2 wherein the side sheet portions have their ends coupled with straps to the rear of the back portion and further including a securement assembly with a cross bar coupled to the seat portion.

9. The system is set forth in Claim 2 wherein the side sheet portions have their ends coupled with straps to the rear of the back portion and further including a securement assembly with a cross bar and further including an inverted J-shaped tube

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